

METHOD AND APPARATUS IN A PORTABLE SUBSCRIBER UNIT FOR
MINIMIZING A CONNECTION SETUP TIME THROUGH A
COMMUNICATION NETWORK

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Abstract of the Disclosure

10 In a portable subscriber unit (200) a processor (204) is arranged and
programmed to maintain (302) in a memory (208) a list identifying a plurality of
devices which are to be connected quickly through a communication network,
and to establish (304) a new connection with the communication network. The
processor is further arranged and programmed to perform, in response to
establishing the new connection, when necessary for pre-programming the
communication network to minimize the connection setup time for subsequent
connections with the plurality of devices, at least one of the steps of (a) sending
15 names of the plurality of devices to a domain name server (DNS) of the
communication network to obtain IP addresses corresponding to the names,
thereby causing the DNS to cache the IP addresses of the plurality of devices for
faster servicing of subsequent connections, and (b) transmitting a dummy Internet
Protocol (IP) packet to said plurality of devices.

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